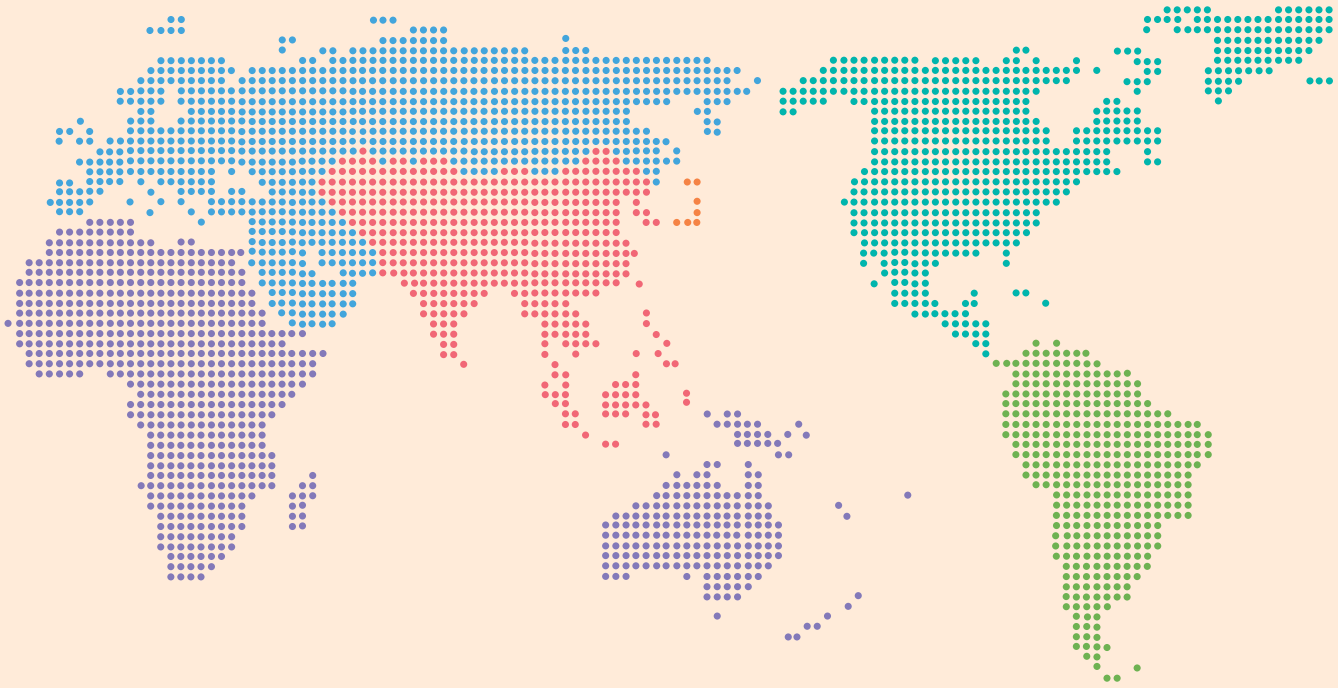
Adaptive. Effective. Affordable.

Your Mobile Ally Since 2003

D-TEG Security Co., Ltd.

Major Projects and Distribution Network



EUROPE

- #1 Selling Drive Recorder in UK
- Police Patrol Cars in 8 UK Cities
- Addison Lee Minicabs
- UK Prison Transportation Vehicles
- Allianz Insurance
- AXA Insurance
- Towergate Insurance
- Markerstudy Insurance
- Chartis Insurance
- Azerbaijani National Police Force

NORTH AMERICA

- Chicago Taxi Approved System
- NYC TLC Approved System
- New Jersey , Pennsylvania & Ohio School Buses
- Lancer Insurance Company
- ATI Insurance Company

LATIN AMERICA

- Cuenca City Transportation System
- Forklifts for Coca-Cola Factory
- Nuevo Central Argentino
- Banco Estado

KOREA

- #1 Selling Mobile DVR in Korea
- Over 60 Bus Companies in South Korea
- Over 40 Taxi Companies in South Korea
- Seoul Metropolitan Transportation System
- Seoul Metropolitan Town Bus System
- Sejong City Transportation Bus Mgmt System
- Busan Metropolitan Transportation System
- Kumho Express Bus Line
- Gyeonggi Province Transportation System
- Gyeonggi Province Town Bus System
- School Shuttle Buses
- Hyosung ATM Machines
- Armored Vehicles for Brinks
- Louis Vuitton Korea

OTHER ASIA

- Hong Kong KMB Bus

JAPAN

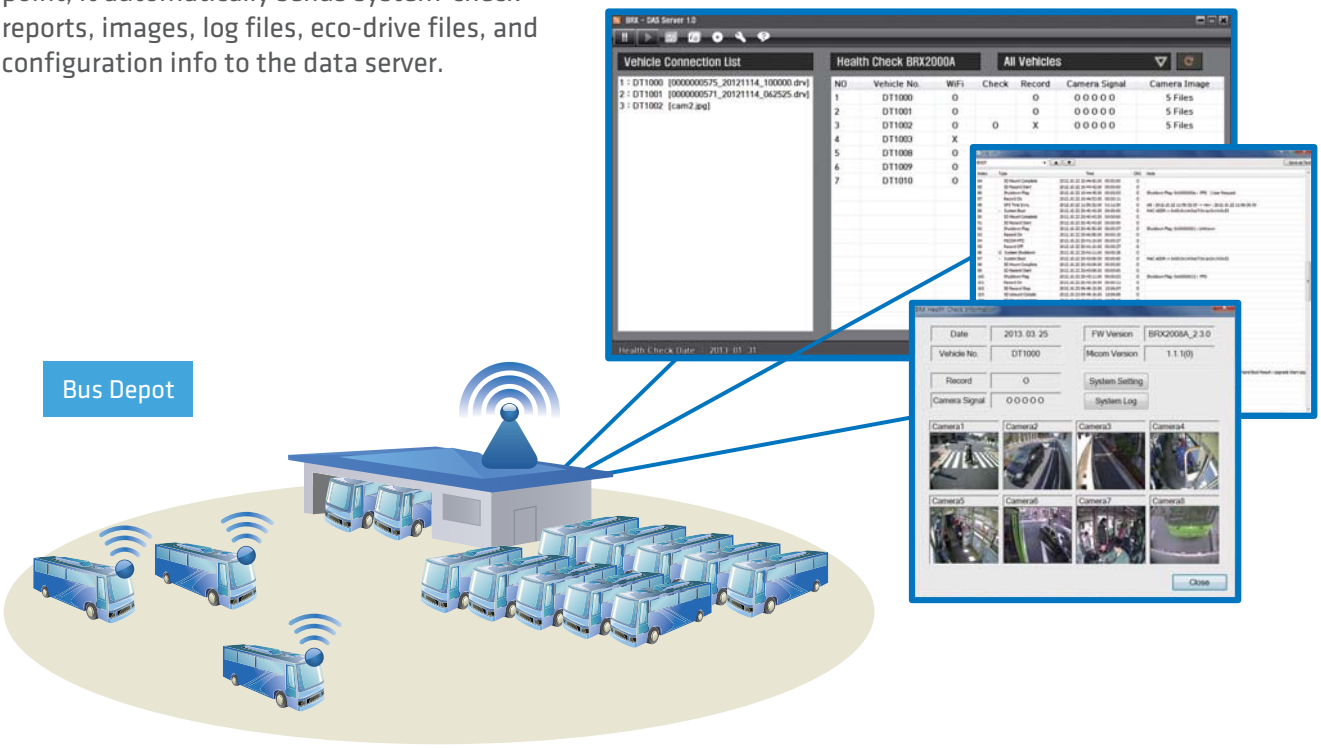
- #1 Selling Drive Recorder in Japan
- Over 20 Bus Companies in Japan
- Tokyo Metropolitan Transportation System
- Kyoto City Transportation System
- Nagoya City Transportation System
- Keikyu Bus Corp.(Narita, Haneda Airport Limousine)
- Enshu Railway Line
- Kansai Airport Monorail System
- Kitakyushu Train and Tram Services
- Kitakyushu Monorail System
- Kumamoto Prefecture Transportation System

OCEANIA and AFRICA

- Mining Vehicles for De Beers
- DHL South Africa
- 4 Trucking and Semi-trailer Companies

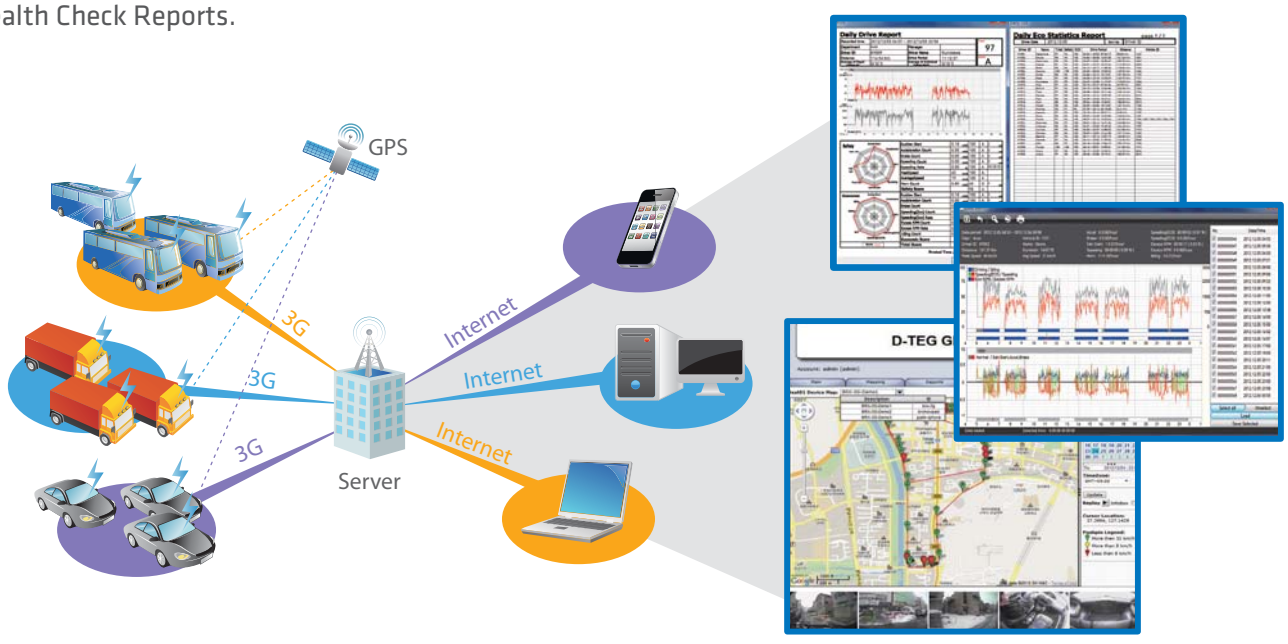
Wi-Fi Configuration

Once the BRX comes into range of an access point, it automatically sends system-check reports, images, log files, eco-drive files, and configuration info to the data server.



3G Configuration

Remote Monitoring(Live GPS Tracking)
Event & Emergency Alarm, Geo-Fence Alarm
Health Check Reports.



Licensed Google maps | Playback software is integrated with Google™ Maps 3.0 and Google™ Earth
Displaying vehicle location, driving route, and street view.

CITY BUS Camera System

SCHOOL BUS Camera System

Everyday school and city bus drivers and owners face challenges when driving. Whether it's changing lanes, heavy traffic, poor driver behavior, or a passenger event, the importance of mobile vision security is now at its highest level. The BRX micro DVR can provide up to 8 video and audio channels to ensure the entire bus is covered, inside & out, including the driver seat.

Recommended System

BRX2008A

The rugged & secure BRX2008A boasts an impressive 8 video channels & 8 audio channels while consuming only 10W of power. Using an SSD, the BRX is shock resistant up to 3Gs. Up to 1TB of HDD storage can be used on the BRX2008A, saving many weeks of video, audio, data, & logs.

Rugged IR Camera
Sony High Resolution
Weatherproof IP68
Model: STR-230HIR

IR Dome Camera
Sony High Resolution
Vandal-resistant
Model: STC-300HDIR

POLICE Camera System

EMS Camera System

The IACP (International Association of Chiefs of Police) evaluated the impact of in-car video systems on state police agencies and found that filed complaints against officers are reduced 97% upon learning of video evidence. Another impact of in-car video systems is economical, as police-grade systems often exceed $5K per vehicle. The BRX aims to provide law enforcement agencies with all of the evidence and reliability they expect, with a lesser burden on already lean budgets.

Recommended System

BRX2004A

The rugged & secure BRX2004A utilizes 4 video channels & 4 audio channels. A shock mounted & removable HDD / SSD enables law enforcement agencies to record up to 1TB of video and audio data. Only 7" x 7" x 2", the BRX2004A can easily mount in existing consoles.

Zoom Camera
Sony High Resolution
10x Optical zoom
Model: DTR-600

Wireless Microphone
2.4GHz Digital
1,500ft Transmission
Model: SMIC-2400

TAXI Camera System

FLEET Camera System

Taxi owners, drivers, and city officials can all benefit from a quality in-car video system. D-TEG's BX4000 is proven to be reliable, easy to install, simple to operate, and affordable for even the tightest budgets. The BX4000 (or OEM equivalents) complies with the respective official city departments in NYC and Chicago, being one of the few systems approved and installed.

Recommended System

BX4000

The main recording unit, or brain, of the BX4000 system is only 4" x 2.75" x 0.75". There is a built-in mic, accelerometer, GPS, and SD storage (up to 32GB). The BX4000 has four camera inputs and a video-out to connect an LCD monitor for playback & rear back-up monitoring.

5V Camera(Internal View)
145° Wide-angle Lens
5V IR Camera
Model: STR-100IR

Locking Case
Steel mount
Model: SH-200

COMMERCIAL Camera System

INSURANCE COMPANY Camera Solution

Commercial vehicle owners often entrust their expensive properties to their employees. If you're looking to reduce liabilities or the expensive claims investigation processes, the Smarty Black Box system is for you. Verify exact times and locations of events, monitor driving routes and movements, and improve driving behaviors with the simple presence of a on board video surveillance system, complete with camera, GPS, accelerometer, and panic button.

Recommended System

BX1500 Plus

The world's first HD black box recorder. The BX1500 boasts a 1280x960 megapixel camera, mic for audio recording, GPS, accelerometer, & SD card storage(32GB max). Tool-free installation & automated operation makes the Smarty the perfect driving companion.

Locking Case
Model: LNB-101

Delayed Power
Shut-down
Model: DPWR-200

8 Channel Mobile DVR

Model
BRX2008A

For ultimate ruggedness, durability, and storage capacity, the BRX series DVRs deliver with 8ch video and 8ch audio.

4 Channel Mobile DVR

Model
BRX2004A

Identical to the BRX2008A in capacity, the BRX2004A is a more economic option with 4ch of video and 4ch of audio.

BRX2004A & BRX2008A Specification

Recording Channels	BRX2004A (4 video, 4 audio channels) BRX2008A (8 video, 8 audio channels)	Recording Frame Rate	NTSC: 60 (D1), 120 (Half-D1), 240 (CIF)fps PAL: 50 (D1), 100 (Half-D1), 200 (CIF)fps
Recording Resolution	NTSC: 704x480, 704x240, 352x240 PAL: 704 x576, 704x288, 352x288	Delay On/Off	Power Delay On (0~30sec), Record Delay Off (0~∞), Power Delay Off (1~∞)
Codec	Video: H.264 / Audio: G.711	LED	POWER, REC, ALARM, LAN
Alarm In/Out	7/2	Power Input	12 to 32 VDC
Serial Port	2 x RS-232C	Power Consumption	12W
AV Output	1 (Front) + 1 (Rear)	Size	1DIN, 178mm(W) x 50mm(H) x 170mm(D)
Power Output	DC12V : 1 (Front) + 1 (Rear)	Weight	970g (DVR) + 110g (Removable Pack): 1.08KG
Car Signals	Left, Right, Brake, Reverse, Speed, RPM	Operation Temp.	-10° to 60°
G-Sensor	Internal 3 Axis	**Options**	
GPS	External GPS	Remote Control	IR Remote Control
Front Button	10 Buttons	EMS Indicator	G-Sensor, Speeding, Excesive RPM Use, Over Idling Time
USB Port	1 x USB Host		
LAN Port	100Mbps	Alarm LED	External Alarm LED
Main Storage	SATA Interface, Removable 2.5" HDD/SSD	Panic Button	External Panic Button
Sub Storage	SDHC Card (up to 32GB)	3G	USB 3G Modem
Key Lock	1 (Front Door) + 1 (Removable HDD/SSD)	Wi-Fi	Wi-Fi Access Point

4 Channel Drive Recorder

Model
BX4000

The low-profile Smarty BX4000 has 4 camera inputs, separating the recorder from the cameras and allowing for more secure, tamper-resistant installations.

Smarty Drive Recorder

Model
BX1500 Plus

The original Smarty Black Box's successor. A 1ch self-contained drive recorder with GPS, Accelerometer, SXVGA video quality, audio recording, video out, & SD storage (up to 32GB).

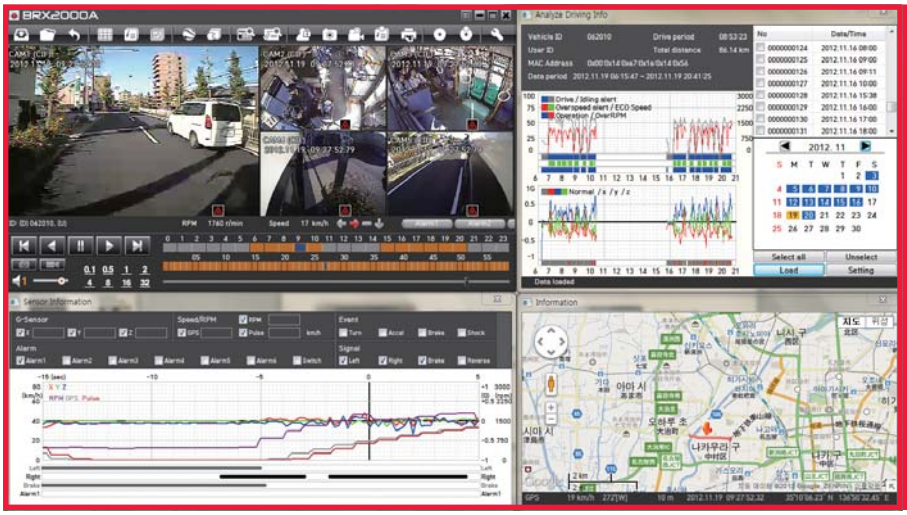
BX4000 Specification

Recording Channels	4 Video, 1 Audio channels
Recording Resolution	NTSC: 720x480, 720x240 PAL: 720x576, 720x288
Recording Frame rate	NTSC: 30(D1), 30(Half-D1)fps PAL: 25(D1), 25(Half-D1)fps
Recording Time	2hours ~ 356hours (14days 20hours)
Recording Mode	Motion detection, Alarm, Continuous, Impact, Panic button
Main Storage	4GB SDHC (supports 32GB SDHC)
GPS	External GPS Module
G Sensor	Internal 3-axis G-Sensor
Car Signal	Brake, Left Turn, Right Turn, Speed Pulse
Remote Controller	Panic, Playback, Shutter button
LED	2 (Red/Blue)
Analysis Software	PC Viewer (Integrated Google Earth)
Power Input	10 to 30VDC
Power Consumption	8.3W (when recording 4cameras)
Size/Weight	70mm X 99mm X 21mm, 100g
Operation Temp.	-10°~ 60°

BX1500Plus Specification

Image Sensor	1/4" CMOS Digital Sensor 1.2M pixels
Angle of View	120° (horizontal : 88°, vertical : 65°) or 170° (horizontal : 131°, vertical : 96°) or 90° (horizontal: 72°, vertical: 55°)
Recording Resolution	1280x960 (SXVGA), 640x480 (VGA)
Recording Frame rate	15fps (1280x960), 30fps (640x480)
Recording Time	Min 65min ~ Max 148hours
Recording Mode	Continuous (Driving or Parking), Impact, Panic button
Main Storage	4GB SDHC (supports 32GB SDHC)
GPS	Internal GPS
G-Sensor	Internal 3-axis G-sensor
Button	Panic, Format button
LED	2 (Red/Blue)
Analysis Software	PC Viewer (Integrated Google Earth)
Power Input	10 to 30 VDC
Power Consumption	2.8W
Size/Weight	80mm X 50Ø , 100g
Operation Temp.	-10°~ 60°

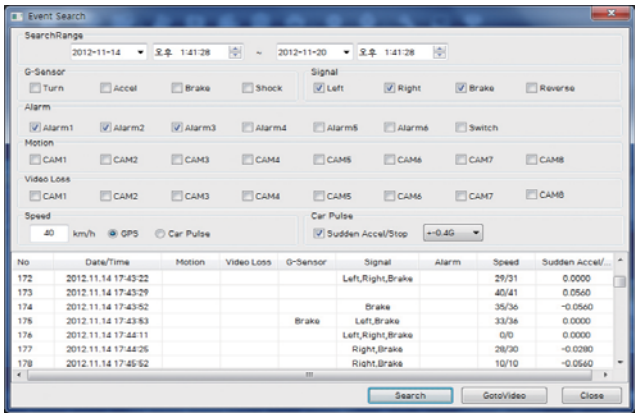
BRX PC Viewer Software



In addition to the recorded video data, the D-TEG PC Viewer also utilizes and presents supplementary data such as audio, GPS, g-sensor, and various car signals to offer a more organized and thorough analysis of an incident or dangerous situation.

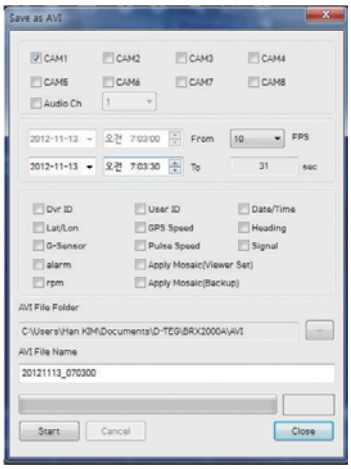
Sensor Information

Various vehicle information such as speed, RPM, g-sensor, car signals, and sensor inputs are displayed simultaneously to provide a better portrayal of the situation and deeper analysis of the event.



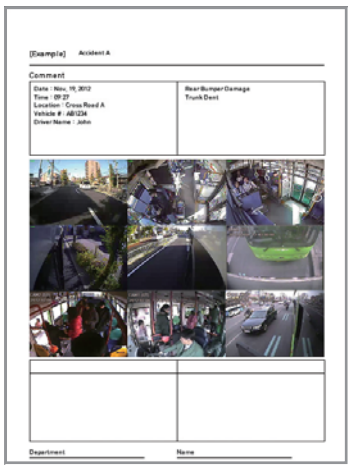
Event Search

Along with a sophisticated calendar search option, use the event search function to screen speed, g-sensor, car signal, and sensor input data to ease in locating sought after incidents.



JPG & AVI File Conversion

Use the JPG and AVI conversion application to convert D-TEG encrypted files into standard media formats. Additional data such as speed, RPM, car signals, g-sensor, and GPS can also be included. This data is then nicely overlaid in yellow text on the AVI or JPG image.



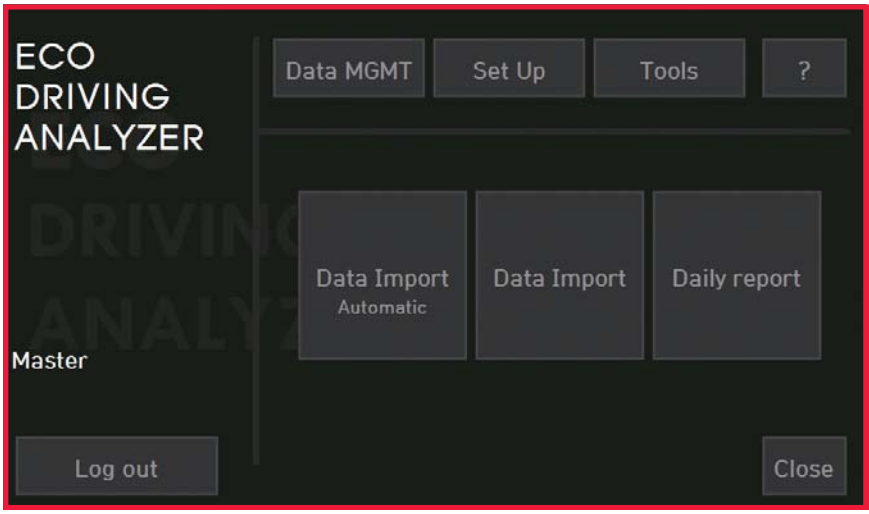
Report Function

In case of an accident, a report with visual evidence can be easily made with a click of a button and adding description about the situation. These reports conveniently aggregate all of the visual and log data into a nicely organized presentation.

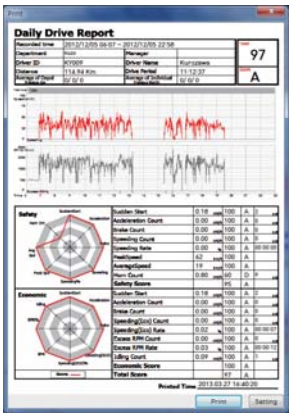
Blur Function

Use the blur annotation to mask or blur portions of a video that contain sensitive content such as faces or private information. This function can be applied during playback, back-up, and AVI conversion.

ECO Software

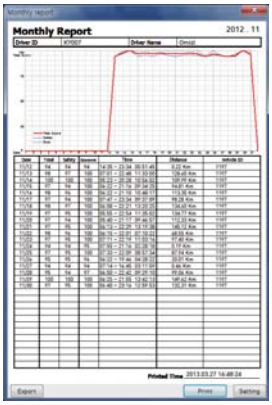


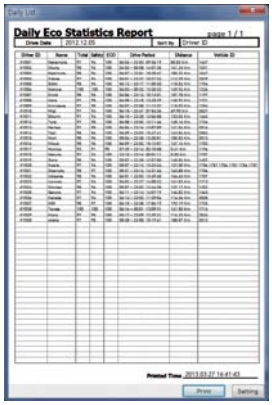
A formidable tool to encourage eco-friendly driving habits.
The ECO program is designed to assist operators in monitoring and improving safe, economic, and environmental driving behaviors. Used in combination with the video, audio, and other data, ECO can be a powerful tool operators can use to analyze unsafe situations and tendencies.

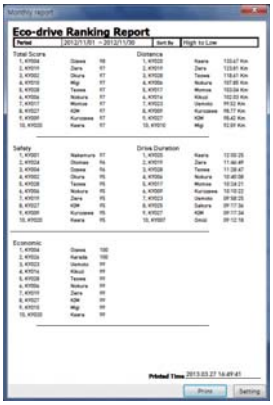


Improve Driver Safety and Encourage Cautious Driving

Daily and Monthly Reports, including detailed driving statistics, can be printed to provide operators and drivers visual verification of the drivers tendencies which can be used to incite safer and more economic driving behavior.



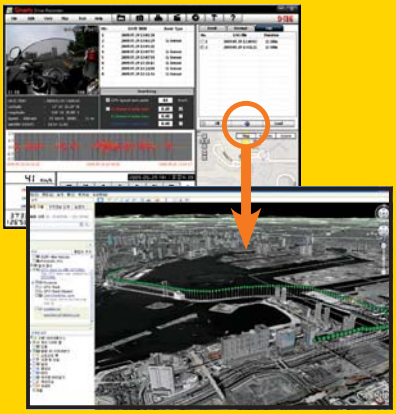




Effective vehicle and driver management

Daily and Monthly safety and economic statistics of all registered drivers can be accessed and printed into a report. Visual Rankings of each driver easily identifies problematic drivers.

Link to Google Earth



Google Earth is integrated into the software and displays the whole route using the log data allowing for easy viewing, saving, and managing data. Speed, time, and other supplementary data are also shown.

BX1500 PC Viewer Software

BX4000 PC Viewer Software

IR Cameras for BRX mobile DVR

STR-300HIR

Up to 650 TV lines, 120° lens
Water Proof (IP 68), 12/24VDC
2W, 343g, 79x76x54(mm)
-30°C to 85°C

Resolution	650 / 380 TV Lines
Viewing Angle	120°/ 90°
Microphone	Available on Request
Cable Length	8m / 15m / 20m

STC-300HDIR

Up to 650 TV lines, 90° lens
Vandal Proof, 12VDC / 2W
263g. 80Øx60(mm)
-10°C to 60°C

Resolution	650 TV Lines only
Viewing Angle	90° only
Microphone	N/A
Cable Length	8m / 15m / 20m

STR-230HIR

Up to 650 TV lines, 120° lens
Water Proof (IP 68), 12/24VDC
2W, 205g, 59.2x62x56(mm)
-20°C to 60°C

Resolution	650 / 380 TV Lines
Viewing Angle	120°/ 90°
Microphone	Available on Request
Cable Length	8m / 15m / 20m

STR-200HIR

Up to 650 TV lines, 120° lens
Water Proof(IP67), 12VDC
2W, 470g, 60x62x45(mm)
-20°C to 60°C

Resolution	650 / 380 TV Lines
Viewing Angle	120°/ 90°
Microphone	Available on Request
Cable Length	8m / 15m / 20m

Cameras for BRX mobile DVR

STR-300H

Up to 650 TV lines,120° lens
Water Proof(IP68), 12/24VDC
0.9W, 340g, 79x76x54(mm)
-30°C to 85°C

Resolution	650 / 380 TV Lines
Viewing Angle	145° / 120°/ 90°
Microphone	Available on Request
Cable Length	8m / 15m / 20m

STC-300HD

Up to 650 TV lines, 90° lens
Vandal Proof, 12VDC / 1W
257g. 80Øx60(mm)
-10°C to 60°C

Resolution	650 TV Lines only
Viewing Angle	120°/ 90°
Microphone	N/A
Cable Length	8m / 15m / 20m

STR-230H

Up to 650 TV lines, 120° lens
Water Proof (IP 68), 12/24VDC
0.9W, 201g, 59.2x62x56(mm)
-20°C to 60°C

Resolution	650 / 380 TV Lines
Viewing Angle	120°/ 90°
Microphone	Available on Request
Cable Length	8m / 15m / 20m

STR-200H

Up to 650 TV lines, 120° lens
Water Proof(IP67), 12VDC
0.9W, 468g, 60x62.2x45(mm)
-20°C to 60°C

Resolution	650 / 380 TV Lines
Viewing Angle	120°/ 90°
Microphone	Available on Request
Cable Length	8m / 15m / 20m

Cameras for BRX mobile DVR

DS-2070

650TV lines, 90° lens
Vandal Proof, 12VDC / 1W
226g. 70Øx58mm)
-10°C to 60°C

Resolution	650 TV Lines only
Viewing Angle	120°/ 90°
Microphone	N/A
Cable Length	8m / 15m / 20m

STR-220HE IR

Up to 700 TV lines, 120° lens
Water Proof (IP67), 12VDC / 0.9W
250g, 40x51x44(mm)
-10°C to 60°C

Resolution	700 / 380 TV Lines
Viewing Angle	145° / 120°/ 90°
Microphone	Available on Request
Cable Length	8m / 15m / 20m

5V cameras for BX4000

DTR-100

¼" Color CMOS, 170° lens
5VDC / 0.5W
50g. 30x35x25(mm)
-20°C to 60°C

STR-100

380TV lines, 90° lens
5VDC / 1W
145g. 38x43x35(mm)
-10°C to 60°C

STR-100IR

380TV lines,145° lens
IR Camera, 5VDC / 1.5W
148g. 38x43x35(mm)
-10°C to 60°C

STC-350

380TV lines, 90° lens
Vandal Proof, 5VDC / 1W
257g. 80Øx60(mm)
-10°C to 60°C

Rear View Cameras

STR-141

⅓" Color CMOS, 163° lens
Water Proof(IP68), 12VDC / 0.4W
92g, 28x26x29(mm)
-30°C to 85°C

Embedded Parking lines On/Off
Minimum Illumination 0.1lx

Police System Accessories

DTR-600

⅓" Sony Super HAD CCD II
10x Optical Zoom
12x Digital Zoom
50°(Wide end) 5.4° (Tele end)
Smart Zoom Lens Control,
12VDC, 2.4W (motors inactive)
390g, 54x65x98(mm)

Day/Night Function, Minimum Illumination 0.25lx
550TV lines at color mode, 570TV lines at B&W mode
Auto Focus, Auto Iris and Zoom Tracking

SMIC-2400

2,400~2,483MHz bandwidth
95 Channels (2.4GHz)
Transmission up to 1,500ft.
Battery Charging: 3hours
Standby(14days), In use (15hrs)
Lithium-polymer 3.7VDC / 0.4W
74g, 64x46x24(mm)

Audible and led indicator out of range warning
Record on/off key, Mute Function on/off key
Beep mode and vibration mode, Perfect voice quality

D-TEG at a Glance

D-TEG was initially conceived as a small working group within the DVR division of SK Global. With increasing sales and popularity, the team decided to spin off D-TEG as a separate company in 2003. Growing steadily year by year, in 2005, D-TEG rose to a new level complimented by its new R&D Center and expert software and hardware engineers.

With 10 years of experience, D-TEG has established itself as one of the leading innovators in the mobile security industry. With proven sales in over 70 countries worldwide and commendable projects in major metropolitan cities such as Seoul, Busan, Tokyo, Kyoto, Nagoya, Hong Kong, Chicago, New York City, and London.

D-TEG prides itself in developing and manufacturing state-of-the-art digital security systems to OEM and distribution partners around the world with notable partners such as Toshiba, NTT Docomo, and Y3K.

In addition to its offices in Korea, Japan, and Russia, D-TEG officially launched D-TEG America in 2012 to provide faster shipping, better support, and timely service for our dealers and partners in the United States and Canada.

www.d-teg.com www.d-teg.us

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